

In the claims:

1. (currently amended) A method for manufacturing multiphase windings (32) of an electric machine with the following process steps:

a) deforming a cross section of wire elements (7, 11, 12) by stamping a cross-sectional profile (13) of said wire elements to increase a slot space factor;

b) loading offsetting dies (14, 26) with the stamped wire elements (7) to constitute a winding (32), the stamped wire elements (11) to constitute an integrated star point (21), and the stamped wire elements (12) for supplying current to the winding (32) and rotating said stamped wire elements (7) counter to one another in a circumferential direction which is transverse to a longitudinal direction of the stamped wire elements, so that the stamped wire elements are disposed at right angles to one another and radially inward to form an integrated star point (21);

c) offsetting the stamped wire elements (7, 11, 12) by rotating ends of the stamped wire elements counter to one another using further offsetting dies (14, 26), and offsetting the ends of the stamped wire elements so that the integrated star point (21) is

maintained, wherein when said ends of the stamped wire elements are offset, a winding head is formed, and wherein manufacture of the integrated star point takes place simultaneously in the same process step as the offsetting of the stamped wire elements;

d) connecting the radial, inward-oriented ends of the stamped wire elements with a connecting ring, whereby an electrical contacting of the integrated star point is completed, and wherein the entire connecting ring (40) is disposed radially inward on an inside (41) of a finished winding head (20), wherein said winding head includes~~is formed by the ends of the stamped wire elements~~; and

e) carrying out on an interconnection point end (23) of a winding (32), an automatable contacting (30) of the integrated star point (21) by a process selected from the group consisting of resistance welding, laser welding, electron welding, soldering process, hot pressing and cold pressing.

2. (previously presented) The method as recited in claim 1, wherein said stamping includes stamping a cross-sectional profile in a wedge shape (13) onto the wire elements (7, 11, 12).

3. (previously presented) The method as recited in claim 1, wherein said stamping includes stamping an oval or circular cross-sectional profile onto the wire elements (7, 11, 12).

4. (previously presented) The method as recited in claim 1, further comprising loading the offsetting dies (14, 26) with the stamped wire elements (7, 11, 12) in such a way that the wire elements (11) that constitute the integrated star point (21) are offset from one another by an angle of 120°.

5. (previously presented) The method as recited in claim 1, further comprising shaping the winding head (20) by means of an offsetting of the offsetting dies (14, 26).

6. (previously presented) The method as recited in claim 1, further comprising producing a wire cage (22) and attaching it to a laminated core (24).

7. (previously presented) The method as recited in claim 6, further comprising providing the laminated core (24) with an insulation (31) in an attachment region of a wire basket (22).

8. (currently amended) The method as recited in claim 1,

further comprising contacting some of the stamped wire elements (7) that constitute a winding (32) to one another on contacting end (25) of the winding (32).

Claim 9 cancelled.

10. (previously presented) The method as recited in claim 1, wherein the automatable contacting (30) is carried out by connecting the wire elements (11) to the connecting ring (40) to form the integrated star point (21), which ring has recesses (45) or is encompassed by a ring material whose loops (44) encompass the wire elements (11) to form the integrated star point (21).

11. (previously presented) The method as recited in claim 1, wherein bent ends of star point wires face one another in a star shape.

Claim 12 canceled.

13. (currently amended) A method for manufacturing multiphase windings (32) of an electric machine with the following process steps:

a) deforming a cross section of wire elements (7, 11, 12) by stamping a cross-sectional profile (13) of said wire elements to increase a slot space factor;

b) loading offsetting dies (14, 26) with the stamped wire elements (7) to constitute a winding (32), the stamped wire elements (11) to constitute an integrated star point (21), and the stamped wire elements (12) for supplying current to the winding (32) and rotating said stamped wire elements (7) counter to one another in a circumferential direction which is transverse to a longitudinal direction of the stamped wire elements, so that the stamped wire elements are disposed at right angles to one another and radially inward to form an integrated star point (21);

c) offsetting the stamped wire elements (7, 11, 12) by rotating ends of the stamped wire elements counter to one another using further offsetting dies (14, 26), and offsetting the ends of the stamped wire elements so that the integrated star point is maintained, wherein when said ends of the stamped wire elements are offset, a winding head is formed, and wherein manufacture of the integrated star point takes place simultaneously in the same process step as the offsetting of the stamped wire elements;

d) connecting the radial, inward-oriented ends of the stamped wire elements with a connecting ring, whereby an electrical contacting of the integrated star point is completed, and wherein the entire connecting ring (40) is disposed radially inward on an inside (41) of a finished winding head (20), wherein said winding head ~~is formed~~ byincludes the ends of the stamped wire elements,

wherein three star point wires facing one another with bent ends lie on inside the of the winding head, wherein the bent ends are connected materially with the star point connecting ring.